

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**  
(check, if applicable)

17513 U.S. PTO  
10/792039



16367 U.S. PTO  
030304

**MAIL STOP PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Attorney Docket No.: 8391-50US (KP032419)**  
**First Named Inventor: Yoshinao Katano**  
**Express Mail Label No.: EV369930922US**  
**Total Pages of Transmittal Form: 3**

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**FLUID TREATING METHOD AND APPARATUS**

which is:

an ☐ Original; or

a ☒ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior PCT Application No. PCT/JP03/00741 filed January 27, 2003.

Anticipated Group/Art Unit: \_\_\_\_ Class \_\_\_\_, Subclass \_\_\_\_.

☐ This non-provisional patent application is based on Provisional Patent Application No.  
\_\_\_\_, filed \_\_\_\_.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 19 pages.
  - ☒ 11 sheets of drawings (formal).
  - ☐ Application Data Sheet.
  - ☒ Newly executed Declaration (copy).
  - ☐ Copy of Declaration from prior application.
  - ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
  - ☐ Microfiche computer program (Appendix).
  - ☐ Nucleotide and/or Amino Acid Sequence Submission, including:
    - ☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.
  - ☒ Under PTO-1595 Cover Sheet, an assignment of the invention
  - ☒ Name of Assignee: TOA Engineering Co., Ltd.
  - ☒ Certified copy of Japanese Application No. 2002-024691 filed January 31, 2002
- are filed:
- ☒ herewith or ☐ in prior application \_\_\_\_.

- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☒ Preliminary Amendment.
- ☒ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

|  |           |           | SMALL ENTITY |           |           | LARGE ENTITY |                  |
|--|-----------|-----------|--------------|-----------|-----------|--------------|------------------|
| CLAIMS   | NO. FILED | NO. EXTRA | BASIC FEE:   |           |           | BASIC FEE:   |                  |
|  |           |           | \$385        |           |           | \$770        |                  |
| Total  | 14-20 =   | 0         | X9           | \$        | OR        | X18          | \$               |
| Independent  | 2 - 3 =   | 0         | X43          | \$        | OR        | X86          | \$               |
| <input type="checkbox"/> Multiple Dependent Claims Present |           |           | \$145        | \$        | OR        | \$290        | \$               |
|  |           |           | <b>TOTAL</b> | <b>\$</b> | <b>OR</b> | <b>TOTAL</b> | <b>\$ 770.00</b> |

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$ 770.00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 208391.0050)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS**

March 3, 2004

(Date)

By:

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☒ Customer Number or Bar Code Label: **000570**

WWS/vj

Enclosures